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Nov 10, 1981

DERWENT-ACC-NO: 1981-88971D

DERWENT-WEEK: 198148

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TITLE: Breast prosthesis has core of non-adsorbable material - and spaced covering of absorbable material

INVENTOR: NAFICY, S S

PATENT-ASSIGNEE:

ASSIGNEE

CODE

NAFICY S S

NAFII

PRIORITY-DATA:

1980US-0214449

December 8, 1980

1981US-0318582

November 5, 1981

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4298998 A	November 10, 1981	N/A	011	N/A
BR 8107924 A	September 14, 1982	N/A	000	N/A
CA 1191001 A	July 30, 1985	N/A	000	N/A
DE 3174349 G	May 15, 1986	N/A	000	N/A
DK 8105404 A	July 19, 1982	N/A	000	N/A
EP 54359 A	June 23, 1982	E	000	N/A
EP 54359 B	April 9, 1986	E	000	N/A
ZA 8108299 A	December 15, 1982	N/A	000	N/A

DESIGNATED-STATES: AT BE CH DE FR GB IT LI LU NL SE AT BE CH DE FR GB IT LI LU NL SE

CITED-DOCUMENTS:US 2842775

INT-CL (IPC): A61F 1/24; A61F 2/12

ABSTRACTED-PUB-NO: EP 54359B

BASIC-ABSTRACT:

A breast prosthesis comprises an inner core of biologically compatible, non-absorbable material and an outer covering of absorbable material, whose outer surface is spaced from the core.

The inner core comprises a container of fluid material e.g. a silicone rubber container of silicone gel, or a non-absorbable sponge enclosed in a film and can be a double lumen prosthesis. A biologically compatible liquid e.g. saline soln. is between the core and the outer covering at least at the time of implantation. The absorbable covering is a film of cargut, chromic gut, reconstituted collagen or vegetable protein, an absorbable carbohydrate e.g. cellulose or amylose polymer, an absorbable polyester of a dibasic acid, or a hydroxycarboxylic acid

polymer, e.g. polyglycolic acid or polygalactin. The material can be absorbed by hydrolysis, phagocytosis, enzymatic decompsn. or chemical or biological reaction. Chemicals or enzymes can be added at implantation, e.g. to the fluid between the core and the covering, to make the covering absorbable. The prosthesis avoids tightness and contracting of the fibrous capsule formed around implanted prostheses.

ABSTRACTED-PUB-NO:

US 4298998A

EQUIVALENT-ABSTRACTS:

A breast prosthesis comprising an inner core of biologically compatible, non-absorbable matl., and means surrounding said core, characterised in that said surrounding means are adapted to effect capsule formation at a selected and controlled distance from said core and comprises an outer covering, the outer surface of which is spaced from said core and made of flexible biologically absorbable matl. for effecting capsule formation without contractive pressure on said core after surgical implantation. (12pp)

TITLE-TERMS: BREAST PROSTHESIS CORE NON ADSORB MATERIAL SPACE COVER ABSORB MATERIAL

DERWENT-CLASS: A96 D22 P32

CPI-CODES: A12-V02; A12-V04; D09-C01;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0231 1291 1306 1405 1838 1840 1982 1986 1989 2511 2512 2513 2606 2628 2653 2726 2765

Multipunch Codes: 011 032 04- 05- 143 144 155 157 195 229 252 253 256 259 38- 43& 435 443 475 477 501 541 544 551 560 566 575 595 645

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